Effective November 10, 1998 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 2) TYPE [SMALL ENTITY (Column 1) OR NUMBER EXTRA FOR NUMBER FILED RATE FEE FEE RATE 760.00 380.00 BASIC FEE OR TOTAL CLAIMS minus 20= X\$18= X\$ 9= OR INDEPENDENT CLAIMS minus 3 = X39= X78= OR MULTIPLE DEPENDENT CLAIM PRESENT +130= +260= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR **CLAIMS AS AMENDED - PART II** OTHER THAN SMALL ENTITY SMALL ENTITY OR (Column 2) (Column 3) (Column 1) CLAMS HIGHEST ADDI-ADDIď NUMBER REMAINING PRESENT TIONAL RATE RATE TIONAL AMENDMENT AFTER PREVIOUSLY EXTRA FEE FEE AMENDMENT PAID FOR Total Minus X\$ 9= X\$18= OR Independent Minus X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +130= +260= OR TOTA OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-8 NUMBER REMAINING PRESENT TIONAL TIONAL RATE RATE AMENDMENT AFTER PREVIOUSLY EXTRA FEE AMENDMENT PAID FOR FEE Minus X\$18= Total X\$ 9= OR Independent Minus X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR TOTAL OR ADDIT. FEE ADDIT, FEE 6-3 (Column 1) (Column 2) (Column 3) CLAIUS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT RATE TIONAL TIONAL PREVIOUSLY RATE AMENDMENT AFTER EXTRA AMENDMENT PAID FOR FEE FEE Total Minus X\$18= =2 2X OR independent Minus ... X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR * If the entry in column 1 is less than the entry in column 2, write "O" in column 3. TOTAL (•)(A) OR ** If the "Highest Number Previously Pald For" IN THIS SPACE is less than 20, enter "20." ADDIT, FEE ADDIT. FEE

PATENT APPLICATION FEE DETERMINATION RECORD

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number